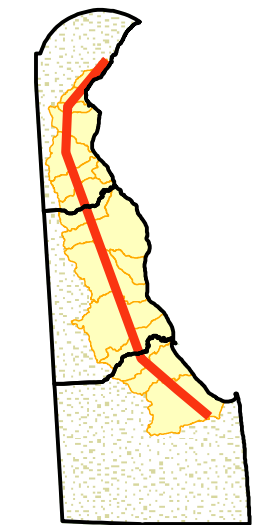


Map 2.1-3 Geological Cross Section of the Delaware Estuary Basin



Qlh Lynch Heights Fm.	Tch Choptank Fm.	Tmq Manasquan Fm.	Ket Englishtown Fm.
Qo Omar Fm.	Cga Chesapeake Group Aquifers	Tv Vincenttown Fm.	Kmv Merchantville Fm.
Qcl Columbia Fm.	Tc Calvert Fm.	Th Hornerstown Fm.	Km Magothy Fm.
Tbd Beaverdam Fm.	Glu Glauconitic unit	Tkpa Pamunkey Fm.	Kpt Potomac Fm.
Tbt Bethany Fm.	Tpp Piney Point Fm.	Knv Navesink Fm.	Wb Weathered Crystalline Basement
Tm Manokin Fm.	Tsr Shark River Fm.	Kml Mount Laurel Fm.	Cb Crystalline Basement
Tsm St. Marys Fm.	Td Deal Fm.	Kmt Marshalltown Fm.	Water

Texture Key

- Sandy Zones or Aquifers
- Sandy Clay/Silt to Silty/Clayey Sand
- Silt/Clay

Symbol Key

- Conformable Contact
- Unconformity
- Correlation Uncertain
- Facies Change or Pinch Out
- = Well
- Fault
- Mean Sea Level

Scale

Horizontal 1 inch = 12500 feet
Vertical 1 inch = 200 feet

Vertical Exaggeration = 62.5x
March 1, 2004

References

Andres, 1986
Benson and others, 1990
Benson and Pickett, 1986
Benson and Spoljaric, 1996
Pickett and Benson, 1977
Pickett and Benson, 1983
Ramsey and Groot, 1997
Woodruff, 1981
Woodruff, 1986
Woodruff, 1990

Notes

The wells indicated on this cross section were used as stratigraphic control points to verify the compiled data from other existing publications. Other data sources included numerous well logs, formation contour mapping and isopach data from USGS and DGS. These sources provided the information needed to derive the depth intervals and thicknesses for the various formations and aquifers. See the references key for more information.

City name denotes line latitude equal to that of the city, not the actual city location.

Disclaimer

This map is prepared primarily for internal DNREC resource management purposes. This information contained herein is preliminary and is subject to change or modification at any time. Use of this information by others is at their own risk and the DNREC in no way guarantees the accuracy of the information.

This is a generalized cross section and formational contacts between well locations are interpolated. Locations where the correlation is uncertain are denoted by a "?".

